

Closed Loop Artillery Simulation System (CLASS)

DESCRIPTION

The Closed Loop Artillery Simulation System (CLASS) is a simulator that will be used for artillery training within the operational forces. Primary users of this system would be the Marine Forces active and reserve, artillery crews, batteries, fire direction centers and forward observers. CLASS will monitor and evaluate each crew member's performance and provide feedback. The monitoring and evaluation will be accomplished by using appended sensors on the howitzer to monitor the position of the gun tube, monitoring the fuse setting to ensure the correct fuse is set and monitoring the communication traffic, both voice and data, between each position.

PROGRAM PROFILE:	FY00	FY01
<i>Quantity:</i>	<i>0</i>	<i>0</i>

OPERATIONAL IMPACT

The CLASS system will provide integrated training to the Forward Observer (FO), Fire Direction Center (FDC), and firing battery personnel. The integrated mode will be a closed loop environment that will network the FO, FDC, and battery team to conduct fire missions. The firing battery team will have the ability to operate in the live fire or simulated mode. Currently, the only way to fully exercise this team is through live fire exercises.

PROGRAM STATUS

Currently in a Phase 0, with a planned Milestone I/II decision in 4th Qtr FY01. IOC is scheduled for FY03 with FOC in FY05.

DEVELOPER/MANUFACTURER

TBD